

ABSTRACT OF THE DISCLOSURE

An FPC is constructed of two FPC branches, and a connection line that connects to a controller. Printed wiring
5 of the connection line includes ten printed wires. The central
four printed wires are signal reception wires, which are
connected to two converters (sensors). Grounding wires are
provided on both sides of the four signal reception wires. Two
outer signal wires are provided adjacent to the grounding wires,
10 respectively toward the outsides thereof. Further, two more
grounding wires are provided adjacent to the outer signal wires,
respectively on the outsides thereof. This construction
results in shielding of all of the signal wires. This
relationship is maintained in the FPC branches as well.